

SOLID-STATE IMAGE PICKUP ELEMENT AND ELECTRONIC CAMERA

Publication number: JP2002125156 (A)

Publication date: 2002-04-26

Inventor(s): SUZUKI SATOSHI

Applicant(s): NIPPON KOGAKU KK

Classification:


- international: *H01L27/14; G03B17/48; H01L27/146; H04N5/335; H04N9/07; H01L27/148; H01L27/14; G03B17/48; H01L27/146; H04N5/335; H04N9/07; H01L27/148; (IPC1-7): H04N5/335; H01L27/14; H04N9/07*

- European: H01L27/146A8S; G03B17/48; H01L27/146A2; H01L27/146A10M

Application number: JP20010225897 20010726

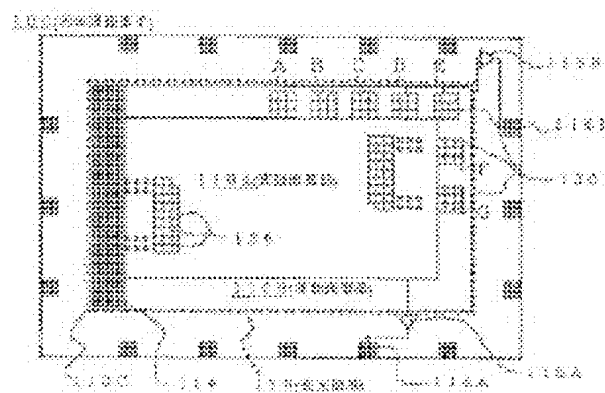
Priority number(s): JP20010225897 20010726; JP20000244645 20000811

Also published as:

 US2002025164 (A1)

Abstract of JP 2002125156 (A)

PROBLEM TO BE SOLVED: To provide a solid-state image pickup element that can obtain a shading correction value in situ independently of fluctuation in the performance of an electronic camera and a kind of a mounted interchangeable lens or the like. **SOLUTION:** A light receiving area 110 of a solid-state image pickup element 100 is divided into an effective pixel section 110A and a valid pixel section 110B. Pixels 130, 130,... of the valid pixel section 110B provides an output of a signal denoting a degree of shading in the effective pixel section 110A. A control section 200D of the electronic camera uses output signals from the pixels 130, 130,... to correct the shading of image data obtained by the effective pixel section 110A.



Data supplied from the **esp@cenet** database — Worldwide